Campen, Kelly

From:

plus2@uspto.gov

Sent:

Monday, July 23, 2007 8:50 AM

To:

Campen, Kelly

Subject:

PLUS Results for serial number: 10622718

10622718_WE 10622718_res 10622718_CLS 10622718_EAS 10622718_QU 10622718_CLS 10622718_WD 10622718_LIS ST.txt

ults.east

TITLES.txt

T.txt

AL.txt

.txt

S.txt

T.txt

Thanks for

using the PLUS system. Your results are attached. You can also view and download them at http://mars:9000/plus/user/downloadresults.jsf?rqstId=61328&serialNumber=10622718

This search was prepared by the staff of the Scientific and Technical Information Center, SIRA. If you have questions or comments about this search, please reply via email to PLUS@uspto.gov

10622718_WEST.txt

).pn.

10622718_EAST.txt

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Titles of most frequently occurring classifications of patents returned from a search of 10622718 on Jul 23 , 2007
  16 235/380
                       (5 OR, 11 XR)
            Class 235
                             REGISTERS
             235/375
                             .SYSTEMS CONTROLLED BY DATA BEARING RECORDS
            235/380
                             ... Credit or identification card systems
     705/26
                       (2 OR, 12 XR)
            Class 705
                             DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,
 OR COST/PRICE DETERMINATION
            705/1
                             .AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS PRACTICE OR
 MANAGEMENT ARRANGEMENT 705/26
                             .. Electronic shopping (e.g., remote ordering)
  11 235/379
                       (4 OR, 7 XR)
            Class 235
                             REGISTERS
            235/375
                             .SYSTEMS CONTROLLED BY DATA BEARING RECORDS
            235/379
                             ...Banking systems
            (6 OR, 3 XR)
Class 705
     705/79
                             DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,
 OR COST/PRICE DETERMINATION 705/50 .BUS 705/64 ...S
                             .BUSINESS PROCESSING USING CRYPTOGRAPHY
                             ..Secure transaction (e.g., EFT/POS)
...Including remote charge determination or related payment
            705/77
. system
            705/79
                             ....Including a payment switch or gateway
      705/40
                       (4 \text{ OR}, 5 \text{ XR})
            Class 705
                             DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,
 OR COST/PRICE DETERMINATION
            705/1
                             .AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS PRACTICE OR
 MANAGEMENT ARRANGEMENT
            705/35
705/39
                             ...Finance (e.g., banking, investment or credit) ...Including funds transfer or credit transaction
            705/40
                             ....Bill distribution or payment
            (3 OR, 5 XR)
Class 705
      705/39
                             DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,
 OR COST/PRICE DETERMINATION
            705/1
                             .AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS PRACTICE OR
 MANAGEMENT ARRANGEMENT
            705/35
705/39
                             ...Finance (e.g., banking, investment or credit) ...Including funds transfer or credit transaction
      705/44
                       (2 OR, 4 XR)
            Class 705
                            DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,
 OR COST/PRICE DETERMINATION
            705/1
                             .AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS PRACTICE OR
 MANAGEMENT ARRANGEMENT
            705/35 -
                             .. Finance (e.g., banking, investment or credit)
            705/39
                             ...Including funds transfer or credit transaction
                             ....Requiring authorization or authentication
            705/44
                       (0 OR, 5 XR)
      235/375
            Class 235
                            REGISTERS
            235/375
                             .SYSTEMS CONTROLLED BY DATA BEARING RECORDS
            (1 OR, 4 XR)
      705/16
                            DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,
 OR COST/PRICE DETERMINATION
                                              Page 1
```

10622718_CLSTITLES.txt

```
10622718_CLSTITLES.txt
           705/1
                           .AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS PRACTICE OR
MANAGEMENT ARRANGEMENT
           705/16
                           .. Including point of sale terminal or electronic cash
register
  5 705/35
                      (0 \text{ OR}, 5 \text{ XR})
           Class 705
                           DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,
OR COST/PRICE DETERMINATION 705/1 .AU
                           .AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS PRACTICE OR
MANAGEMENT ARRANGEMENT
           705/35
                           .. Finance (e.g., banking, investment or credit)
     235/492
                     (2 OR, 2 XR)
           Class 235
                           REGISTERS
           235/487
                           . RECORDS
           235/492
                           ..Conductive
                     (0 \text{ OR}, 4 \text{ XR})
           Class 902
                           ELECTRONIC FUNDS TRANSFER
           902/22
                           .TERMINAL* REGISTERS TRANSACTION* (E.G., POINT OF SALE
TERMINAL*)
    705/21
                     (0 OR, 4 XR)
           Class 705
                           DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,
OR COST/PRICE DETERMINATION
           705/1
                           .AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS PRACTICE OR
MANAGEMENT ARRANGEMENT
           705/16
                           .. Including point of sale terminal or electronic cash
register
           705/21
                           ...Interconnection or interaction of plural electronic cash
registers (ECRs) or to host computer (e.g., network detail, transfer of information from host to ECR or from ECR to ECR, etc.)
                     (2 OR, 2 XR)
           Class 705
                           DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT.
OR COST/PRICE DETERMINATION
           705/1
                           .AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS PRACTICE OR
MANAGEMENT ARRANGEMENT
           705/35
705/39
                           ...Finance (e.g., banking, investment or credit) ...Including funds transfer or credit transaction
           705/41
                            ....Having programming of a portable memory device (e.g., IC
card, "electronic purse")
           (0 OR, 4 XR)
Class 235 PECT 235 /275
    235/381
                           REGISTERS
           235/375
                           .SYSTEMS CONTROLLED BY DATA BEARING RECORDS
           235/380
235/381
                           .. Credit or identification card systems
                           ...With vending
    713/153
                     (0 \text{ OR}, 4 \text{ XR})
           Class 713
                           ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
SUPPORT
           713/150
                           .MULTIPLE COMPUTER COMMUNICATION USING CRYPTOGRAPHY
           713/153
                           ..Particular node (e.g., gateway, bridge, router, etc.) for
directing data and applying cryptography
                     (0 \text{ OR}, 4 \text{ XR})
           Class 705
                           DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,
OR COST/PRICE DETERMINATION 705/50 .BUS
                           .BUSINESS PROCESSING USING CRYPTOGRAPHY
           705/64
                           .. Secure transaction (e.g., EFT/POS)
```

...Electronic credential

705/76

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10622718_CLSTITLES.txt
     235/487
                     (0 \text{ OR}, 3 \text{ XR})
           Class 235
                          REGISTERS
           235/487
                          .RECORDS
    705/1
                     (1 \text{ OR}, 2 \text{ XR})
           Class 705
                          DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,
OR COST/PRICE DETERMINATION
           705/1
                          .AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS PRACTICE OR
MANAGEMENT ARRANGEMENT
  3 709/250
                    (2 OR, 1 XR)
           Class 709
                          ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
MULTICOMPUTER DATA TRANSFERRING
           709/250
                          .NETWORK-TO-COMPUTER INTERFACING
    705/64
                     (1 OR, 2 XR)
           Class 705
                          DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,
OR COST/PRICE DETERMINATION
           705/50
                          .BUSINESS PROCESSING USING CRYPTOGRAPHY
           705/64
                          ... Secure transaction (e.g., EFT/POS)
                     (1 OR, 2 XR)
           Class 705
                          DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,
OR COST/PRICE DETERMINATION 705/50 .BU
                          .BUSINESS PROCESSING USING CRYPTOGRAPHY
           705/64
                          .. Secure transaction (e.g., EFT/POS)
           705/77
                          ...Including remote charge determination or related payment
system
          (0 OR, 3 XR)
Class 705
  3 705/78
                          DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT.
OR COST/PRICE DETERMINATION
705/50 .BUS
705/64 ...SG
                          .BUSINESS PROCESSING USING CRYPTOGRAPHY
                          .. Secure transaction (e.g., EFT/POS)
           705/77
                          ...Including remote charge determination or related payment
system
           705/78
                          ....Including third party
    705/27
                     (0 \text{ OR}, 3 \text{ XR})
           Class 705
                         DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,
OR COST/PRICE DETERMINATION
           705/1
                          .AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS PRACTICE OR
MANAGEMENT ARRANGEMENT
           705/26
                          .. Electronic shopping (e.g., remote ordering)
           705/27
                          ...Presentation of image or description of sales item (e.g.,
electronic catalog browsing)
    902/26
                    (0 OR, 2 XR)
           Class 902
                          ELECTRONIC FUNDS TRANSFER
           902/25
                          .SPECIFIC IDENTIFIER* (E.G., BANK CARD)
           902/26
                          ..Including semiconductor chip (e.g., smart card)
          (0 OR, 2 XR)
Class 705
                          DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,
OR COST/PRICE DETERMINATION
           705/50
                          .BUSINESS PROCESSING USING CRYPTOGRAPHY
           705/64
                          .. Secure transaction (e.g., EFT/POS)
           705/75
                          ...Transaction verification
    705/42
                    (0 \text{ OR}, 2 \text{ XR})
          Class 705
                         DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,
OR COST/PRICE DETERMINATION
          705/1
                          .AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS PRACTICE OR
```

Page 3

10622718_CLSTITLES.txt

```
MANAGEMENT ARRANGEMENT
           705/35
                          .. Finance (e.g., banking, investment or credit)
           705/39
                          ...Including funds transfer or credit transaction
           705/42
                          ....Remote banking (e.g., home banking)
    379/91.01
                     (1 OR, 1 XR)
           class 379
                          TELEPHONIC COMMUNICATIONS
           379/90.01
                          .TELEPHONE LINE OR SYSTEM COMBINED WITH DIVERSE ELECTRICAL
SYSTEM OR SIGNALLING (E.G., COMPOSITE) 379/91.01 ...Credit authorization
    705/18
                     (0 \text{ OR}, 2 \text{ XR})
           Class 705
                          DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,
OR COST/PRICE DETERMINATION
           705/1
                          .AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS PRACTICE OR
MANAGEMENT ARRANGEMENT
           705/16
                          .. Including point of sale terminal or electronic cash
register
           705/18
                          ...Having security or user identification provision
(password entry, etc.)
  2 235/449
                     (2 OR, 0 XR)
           Class 235
                          REGISTERS
           235/435
                          .CODED RECORD SENSORS
           235/439
                          ...Particular sensor structure
           235/449
                          ...Magnetic
    235/440
                    (1 OR, 1 XR)
           Class 235
                          REGISTERS
           235/435
                          .CODED RECORD SENSORS
           235/439
                          ..Particular sensor structure
           235/440
                          ...Multiple sensor
          (1 OR, 1 XR)
Class 705
     705/17
                          DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,
OR COST/PRICE DETERMINATION
           705/1
                          .AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS PRACTICE OR
MANAGEMENT ARRANGEMENT
           705/16
                          .. Including point of sale terminal or electronic cash
register
           705/17
                          ... Having interface for record bearing medium or carrier for
electronic funds transfer or payment credit
    380/59
                    (0 OR, 2 XR)
           Class 380
                          CRYPTOGRAPHY
           380/59
                          .MISCELLANEOUS
                    (1 OR, 1 XR)
ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
    709/224
           Class 709
MULTICOMPUTER DATA TRANSFERRING
           709/223
                          .COMPUTER NETWORK MANAGING
           709/224
                          .. Computer network monitoring
    709/203
                     (0 \text{ OR}, 2 \text{ XR})
           class 709
                          ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
MULTICOMPUTER DATA TRANSFERRING
709/201 .DISTRIE
                          .DISTRIBUTED DATA PROCESSING
           709/203
                          ..Client/server
                     (1 \text{ OR}, 1 \text{ XR})
           Class 709
                          ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
MULTICOMPUTER DATA TRANSFERRING
           709/217
                          .REMOTE DATA ACCESSING
                                          Page 4
```

10622718_CLSTITLES.txt

```
2 713/156
                   (1 OR, 1 XR)
          Class 713
                         ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
SUPPORT
          713/150
                         .MULTIPLE COMPUTER COMMUNICATION USING CRYPTOGRAPHY
          713/155
                         .. Central trusted authority provides computer authentication
          713/156
                         ...By certificate
    726/21
                    (0 \text{ OR}, 2 \text{ XR})
          Class 726
                         INFORMATION SECURITY
          726/2
                         .ACCESS CONTROL OR AUTHENTICATION
          726/21
                         .. Authorization
    709/249
                    (0 \text{ OR}, 2 \text{ XR})
          Class 709
                         ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
MULTICOMPUTER DATA TRANSFERRING
          709/249
                         .MULTIPLE NETWORK INTERCONNECTING
  2
                    (1 OR, 1 XR)
    380/255
          Class 380
                         CRYPTOGRAPHY
          380/255
                          .COMMUNICATION SYSTEM USING CRYPTOGRAPHY
                    (1 OR, 1 XR)
CRYPTOGRAPHY
    380/287
          Class 380
          380/287
                         .ELECTRIC SIGNAL MODIFICATION
          (0 OR, 2 XR)
Class 713
  2 713/150
                         ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
SUPPORT
          713/150
                         .MULTIPLE COMPUTER COMMUNICATION USING CRYPTOGRAPHY
                    (0 OR, 2 XR)
  2 713/168
          Class 713
                         ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
SUPPORT
          713/150
                          .MULTIPLE COMPUTER COMMUNICATION USING CRYPTOGRAPHY
          713/168
                         ..Particular communication authentication technique
                    (0 OR, 2 XR)
  2 713/175
          Class 713
                         ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
SUPPORT
          713/150
713/168
713/175
                         .MULTIPLE COMPUTER COMMUNICATION USING CRYPTOGRAPHY
                         ..Particular communication authentication technique
                         ... By generation of certificate
                    (0 OR, 2 XR)
  2 705/50
          Class 705
                         DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,
OR COST/PRICE DETERMINATION
          705/50
                         .BUSINESS PROCESSING USING CRYPTOGRAPHY
                    (0 OR, 2 XR)
    709/230
          Class 709
                         ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
MULTICOMPUTER DATA TRANSFERRING
          709/230
                         .COMPUTER-TO-COMPUTER PROTOCOL IMPLEMENTING
```

10622718_LIST.txt

PLUS Search Results for S/N 10622718 Searched Jul 23, 2007.
The Patent Linguistic Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA. 5557516 6304915.

10622718_QUAL.txt

10622718_CLS.txt Most frequently occurring classifications of patents returned from a search Of 10622718 on Jul 23 , 2007

```
Original Classifications
6 705/79
5 235/380
4 235/379
4 705/40
3 705/40
2 235/492
     65443222222
              705/41
705/26
              705/44
              235/449
709/250
Cross-Reference Classifications
              705/26
235/380
235/379
235/375
705/39
   12
   705/40
              705/35
              705/35
902/22
705/16
705/21
235/381
705/44
713/153
705/76
235/487
              705/79
              705/78
              705/27
              235/492
902/26
705/75
705/41
              705/42
705/1
705/18
380/59
              709/203
              705/64
705/77
726/21
709/249
713/150
713/168
              713/175
              705/50
              709/230
Combined Classifications
16 235/380
14 705/26
11 235/379
9 705/79
  11
9
9
8
              705/40
              705/39
              705/44
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10622718_CLS.txt

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235/375

705/16

705/35

235/492

902/22

705/21

705/41

235/381

713/153

705/76

235/487

705/1

709/250

705/64

705/77

705/78

705/27

902/26

705/75

705/42

379/91.01

705/18

235/449

235/449

235/449

235/449

235/449

235/449

235/449

235/449

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235/449

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235/449

235/449

235/449

235/449

235/449

235/449

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235/449

709/217

713/156

726/21

709/249

380/255

380/287

713/150

713/168

713/175

705/50

709/230
```

```
above 1
abstract
         1
accept 1
acceptance
accepted 3
accepting 2 accepts 1
access 2
accessed 1
accommodate
accommodated 2
account 17 accounts 7
ach 8
actually
addition 3
advanțage 3
agencies
along
among 1
amount 4
        1
answer
any 4
application
applying 1
approve 2
approved 2
approves 1
architecture 1
art 1
associated 1 atm 17
authenticate 1
authorization 2
authorize 1
authorized 4
automatic 1
automatically 2
availability
available 2
background 1
balance 1
bank 1
based 3
basic 1
become 2
becoming 1
beginning 1
benefits 1
biometric 2
biometrics 1
both 3 brief 1
business 2
but 4
can 7
capability 1
card 37
cardholder
            10
cards 8
carried
         1
carrier
case 1
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cases 1 cash 3
cashless 1
certain 1
charging
chart 2
check 13
checks 2 choice 1
clearing 1
clinic 1
commonplace 1
compared 1
compatible 3
complete 7
completed 3
completing 1
comprehensive 1
computer 2 conducted 1
configuration configured 1
                1
confirm 1
connectivity 1
consolidation 1
contained 1
containing 1
convenience 4
convenient
conversion
converted 1
copy 1
creates 1 credit 22
credited 1
criteria 1
current 3
customer 10
customization 1
data 8
days 2
debit 15
debited 2
debiting 1
decades 2
dedicated 1
deduct 1
deducted 1
deductible 2
dependent 1
description 1
desirable 1
desire 1
detail
detailed 1
device 2
diagram 10
direct 3
directed 3 directly 4
discussion
diverts 1
draft 1
```

```
drafts 1
drawback
drawings 1
during 1 earlier 1 early 1 eft 3
either 3
electronic 5
electronically 3
employers 1
enhance 1
entered 4
enters 4
establishment 2
even 4
every 1
example 8
expense 1 facial 2
fashion 1 federal 1
fees 6 field 1
financial
             14
finger 2 first 1
flexibility 7
floor 1
flow 3
form 2
format 2 forms 1
fully
funds 3
gateway 3
gift 1
greater 2
guarantee 1
handle 1
handler 1
health 1
heavily 1
his 4
holder 1
holders 1
holding 1
house 1 identification 6 identified 4 identifies 1
identifying
immediately
include 1
incur 1
information 13
initiated 1
input 2
inputting 1 instead 1 institution 6
institutional
institutions 1
```

```
insurance 1
 intercepts 1 internet 2
 introduced 1
 invisible 2 involved 2
issue 3
/issued 2
issuer 2
 issuing 6
 keyboard 2
 known 1
 last 1
 later 1
less 1
like 3
limit 2
 limited 1
limits 1
line 3
 location 2
 logged 3
 long 1
loss 1
lower 3
made 7
 magnetic 2
make 2
makes 2
making 2
managed 3
 manner 6
 manually 5
 many 1
may 11
medical
 members 10 members 3
 membership 2
 memberships 2
 memorize 1
mentioned 1
merchant 29
 merchants
 message 1 method 1
 methods 2
 more 4
 much
         1
 must 2
 namely 1
 necessarily
 network 16
 new 1
 normal 1
 novel 1
number 4
 numbers 1 numerous 2
 offer 1
 offerings 1
```

instruct 1
instructed 1

```
older 1 once 3
one 4
only 3 operate
options
order 4
outside 1
over 5
overview 2
paid 3
paper 2
parents 2
part 1
party 2
pay 4
payment 16
payroll 3
permit 4
permits 6
permitting 6
person 1
personal 1
pin 4
plan 1
point 18
portion 2
pos 18
pre 5
prefer 1
prescribed
preset 2
previously
prints 2
prior 1
prioritize
prioritized 2
process 4
processing
processor -
provider 6
purchase 3
purchaser 8
qualifiers 1
range 4
rather 2
read 3
reader 3
readers 1
reading 2
recent 1
recently 2
recognition
reconcile 1
record 2
redirects
referred 1
registered 2 rejected 2
rejects 1
related
rely 3
remainder 1
```

```
remaining 1
require 4
required 2
requires 2
requiring 4
reserve 1
restrict 2
retail 2
risked 1
routing 2
sale 18
same 3
scanner
schedule 1
seamless
security
selected 3
sent 2
separate 1
service 6
services 1 set 1 settled 1
settlement
              7
settles
several
showing 5
shown 1
similar 1
single 6 site 3
specific
specifically 7
split 1
standalone 1
standard 3
state
stays
still
        3
stored 4 strips 2
structures
student 3
subject 11
summary 2
supported 2
supports 4 svp 9
swiped 2
switch 2
system 56
system
systems
          12
take 3
telephone 1
terminal 4
terminals 3
third 2
through 1
      1
tied
time 4 tools 3
tracking
transaction
               59
```

transactional 1 transactions 15 transfer 2 transit 1 transmitted 5 truncation 1 two 1 type 4 types 5 typical 9 typically 5 updated 1 upgrades 1 usability 1 used 1 useful 1 user 13 users 3 uses 4 using 3 usually 1 utilized 1 utilizes 1 validity 1 value 4 variety 2 vendors 1 verification 1 verified 2 via 5 virtual 2 want 1 way 2 web 2 welfare 3 well 1 whether 3 wide 4 widespread within 3 without 3 years 1